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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Supervisor 1024

Inspection Report
Minerals Regulatory Program
Report Date: June 3, 2005

Mine Name: DKG Quarry

Operator or Permittee Name:

Diamond K Gypsum

Permittee Mailing Address:

1720S. Red Hills Dr., Richfield, Utah 84701-7003

Inspector(s): Paul Baker

Other Participants: Diamond K employees were at the site but did not participate in the inspection

Permit Status: Active

Current Acreages: :

Total Permitted (Bonded): 22

Total Disturbed: 22

Permit number: M/015/041

Inspection Date: May 5, 2005

Weather: Partly cloudy, 60's

Inspection Start Time: 2:40 PM

Inspection End Time: 2:50 PM

Site location/Area Inspected (i.e. Pit #):

Areas reclaimed and reseeded in 2004

Surface Ownership: BLM

Mineral Ownership: BLM

Mineral Mined: Gypsum

Type of Mine: Surface

Elements of Inspection	Evaluated	N/A	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (open shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Explosives, magazines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Demolition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Backfilling and Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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M/015/041

Purpose of Inspection:

The operator reclaimed about 9 acres in 2004 and reseeded several additional acres that had been previously reclaimed. I wanted to see if things were germinating. Since it was an unusually wet winter, I also wanted to see if there were any erosion problems.

Inspection Summary:

1. Permits, Revisions, Transfer, Bonds

On May 16, 2005, the Division, by virtue of signing a new reclamation contract, approved a 1.49-acre expansion of the quarry. I am not certain whether an approval letter was ever sent, and I will research this and take care of the problem if there is one. This was a fairly complicated process because it included replacement of a reclamation surety, escalation of the surety bond amount, a plan amendment, partial bond release of areas that were graded in 2004, and approval from the BLM.

12. Soils

There were a lot more rocks on the surface than I remember from last fall, and I assume dirt was washed off some of the rocks during the winter. This will probably make a positive difference in revegetation success. I saw no erosion problems.

13. Revegetation

I found numerous grass seedling in the area that was regraded and seeded in 2004. These did not look like cheatgrass or some other weed; I believe they were seeded species. Some of the seedlings may be just visible in Photo 1. With normal precipitation, I expect these seedlings to become established.

I did not find as many seedlings in the areas that were regraded in prior years and reseeded in 2004, but there were enough to greatly increase vegetation cover if these seedlings survive.

This area has seen a phenomenal amount of precipitation during the past winter, and although winter precipitation is important for supplying soil moisture, it is vital that the surface not become too dry during the spring. It will be interesting to see what plants become established.

Inspector's Signature

Date: June 3, 2005

PBB:jb

Enclosures: Photo Attachment

cc: Karen Palmer, Diamond K
Angela Wadman, Price BLM

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ATTACHMENT

Photographs

M/015/041, DKG Quarry, Diamond K Gypsum

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Photo 1. This was an attempt to photograph grass seedlings, but they don't show up well.



Photo 2. An overview of a portion of the reclaimed area.